

REMARKS

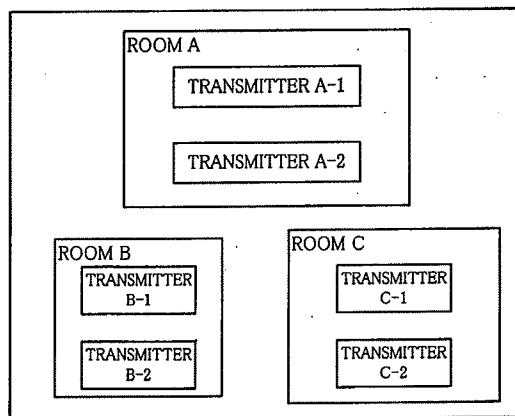
Claims 1-7, 10-14, 17-23, and 25-29 are present in this application. Claims 1, 3, 10, 19, 20, and 21 are independent claims. Claims 28 and 29 have been added.

§ 103(a) Rejection – Iwamura, Haines

Claims 1-7, 9-14, 16-23, and 25-27 have been rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent 5,883,621 (Iwamura) in view of U.S. Application Publication 2003/0080992 (Haines). Applicant has amended claims 1, 3, 10, 19, 20, and 21. Applicant respectfully traverses this rejection based on the claims as amended.

In the present invention, the magnitude of the “degree of reception” can be displayed by sharpness of outline, enlarging size, or depth of color of images. In an example embodiment, the average reception quality of transmitters existing in the rooms (e.g., rooms A, B, C) are obtained. The size of the display frames for indicating the rooms are obtained from the average reception quality (e.g., Ra, Rb, Rc). In other words, displayed images of rooms are of a size proportional to reception quality. An example display can be seen in Fig. 5.

FIG. 5



In Haines, absolute locations are superimposed on a map of the facilities housing the network, such as an office map or floor plan, to show the location of the devices in relation to the facilities. Fig. 7 shows an example map 705 of a network relative to the facilities housing the network. Fig. 7 is a map showing a plurality of network devices 720 and 760 superimposed on a floor plan 750. (Haines at para. [0044]).

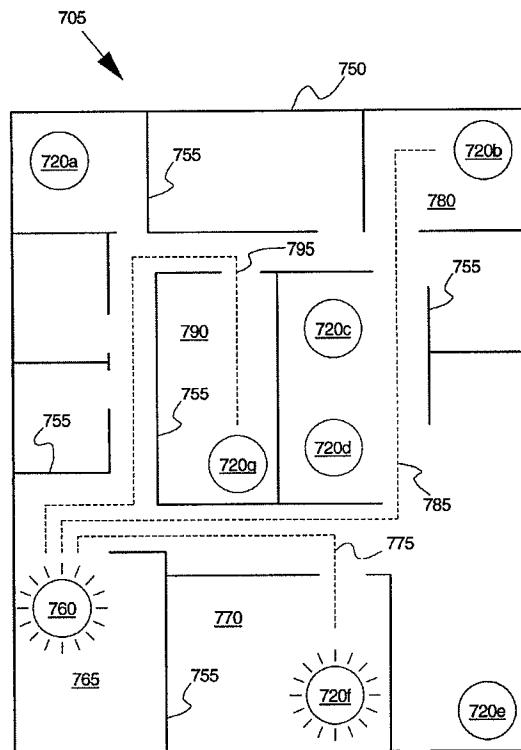


Fig. 7

It can be seen that Haines does not disclose an arrangement in which size of an image of a room is proportional to the degree of communication. Furthermore, Haines is concerned with locating a device within a floor plan. Varying the size of each room would impair the intention of displaying an accurate floor plan.

Claims 1, 3, 10, 19, 20, and 21 have been amended to clarify what was intended by "size" of images correspond to magnitude of the degree of reception, as previously claimed.

Applicant submits that Iwamura and Haines, either alone or in combination, fail to teach each and every claimed feature recited in the claims as amended, as Haines fails to teach at least the claimed,

controlling the display means so that the display means displays images respectively indicating at least one room, in which a size of each image is according to the degree of reception detected by the reception degree detection means regarding the transmission devices in each respective room, and Iwamura fails to make up for this deficiency.

Applicant requests that the rejection be reconsidered and withdrawn.

CLAIM 26

Claim 26 recites “wherein the display control means for controlling the display means displays images indicating at least one room, in which a size of each image is according to average of the degree of reception for the transmission devices in each respective room.”

Haines teaches obtaining an “average of closest points” for estimating the location of a network device 220 (Haines at para. [0033]). Applicant submits that, to the contrary, Haines does not disclose that a display of an image of a room in which the size of the image is determined according to the average of, for example, closest points.

At least for this reason, Applicant submits that Iwamura and Haines fail to teach at least the features recited in claim 26.

New Claims

New claims 28 and 29 have been added. Claims 28 and 29 recite comparable subject matter to claim 26, but dependent on claims 3 and 10, respectively. Applicant submits that for reasons above for claim 26, claims 28 and 29 are patentable as well.

CONCLUSION

In view of the above amendment, applicant believes the pending application is in condition for allowance.

Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact **Robert Downs** Reg. No. 48,222 at the telephone number of the undersigned below, to conduct an interview in an effort to expedite prosecution in connection with the present application.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37.C.F.R. §§1.16 or 1.17; particularly, extension of time fees.

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Respectfully submitted,

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